JC

8/29/07

Connecting via Winsock to STN

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LOGINID:SSPTAJYC1621

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	MAY 01	New CAS web site launched
NEWS 3	MAY 08	CA/CAplus Indian patent publication number format defined
NEWS 4	MAY 14	RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS 5	MAY 21	BIOSIS reloaded and enhanced with archival data
NEWS 6	MAY 21	TOXCENTER enhanced with BIOSIS reload
NEWS 7	MAY 21	CA/CAplus enhanced with additional kind codes for German patents
NEWS 8	MAY 22	CA/CAplus enhanced with IPC reclassification in Japanese patents
NEWS 9	JUN 27	CA/CAplus enhanced with pre-1967 CAS Registry Numbers
NEWS 10	JUN 29	STN Viewer now available
NEWS 11	JUN 29	STN Express, Version 8.2, now available
NEWS 12	JUL 02	LEMBASE coverage updated
NEWS 13	JUL 02	LMEDLINE coverage updated
NEWS 14	JUL 02	SCISEARCH enhanced with complete author names
NEWS 15	JUL 02	CHEMCATS accession numbers revised
NEWS 16	JUL 02	CA/CAplus enhanced with utility model patents from China
NEWS 17	JUL 16	CAplus enhanced with French and German abstracts
NEWS 18	JUL 18	CA/CAplus patent coverage enhanced
NEWS 19	JUL 26	USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS 20	JUL 30	USGENE now available on STN
NEWS 21	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS 22	AUG 06	BEILSTEIN updated with new compounds
NEWS 23	AUG 06	FSTA enhanced with new thesaurus edition
NEWS 24	AUG 13	CA/CAplus enhanced with additional kind codes for granted patents
NEWS 25	AUG 20	CA/CAplus enhanced with CAS indexing in pre-1907 records
NEWS 26	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS 27	AUG 27	USPATOLD now available on STN
NEWS 28	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific

research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 12:31:31 ON 28 AUG 2007

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 12:31:43 ON 28 AUG 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 27 AUG 2007 HIGHEST RN 945649-99-0
DICTIONARY FILE UPDATES: 27 AUG 2007 HIGHEST RN 945649-99-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Documents and Settings\jcho2\My Documents\10526660-g.str

L1 STRUCTURE UPLOADED

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L1 HAS NO ANSWERS
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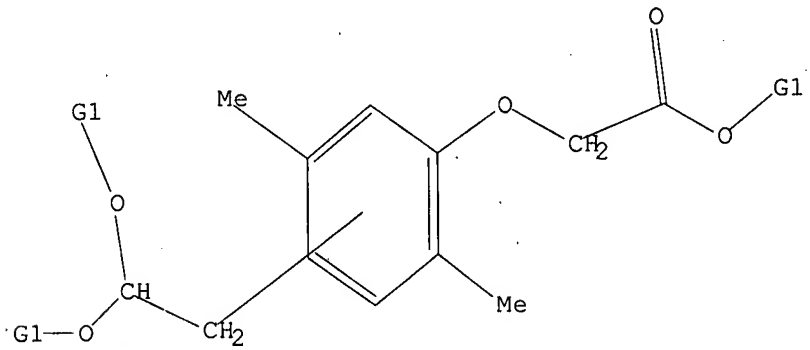

G1 H,Me,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full
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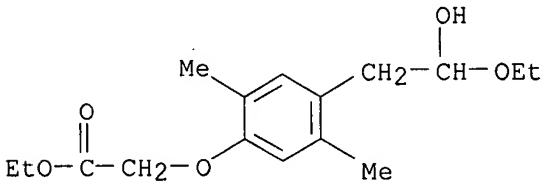
FULL SCREEN SEARCH COMPLETED - 3774 TO ITERATE

100.0% PROCESSED 3774 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

L2 2 SEA SSS FUL L1

=> d scan

L2 2 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, [4-(2-ethoxy-2-hydroxyethyl)-2,5-dimethylphenoxy]-, ethyl ester (9CI)
MF C16 H24 O5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L2 2 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
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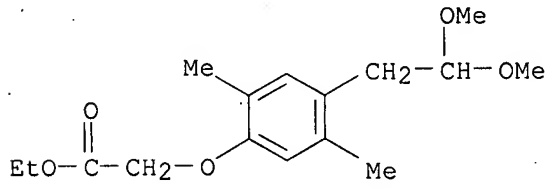
MF C16 H24 O5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> file caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY 174.35 TOTAL SESSION 174.56

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 12:35:16 ON 28 AUG 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 28 Aug 2007 VOL 147 ISS 10
FILE LAST UPDATED: 27 Aug 2007 (20070827/ED)

=> s l2
L3 2 L2

=> d l3 1-2 bib abs hitstr

L3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2006:1173156 CAPLUS
DN 145:489007
TI Crystals of hydroxynorephedrine derivative hydrochloride 1/4 hydrate
IN Isawa, Hidetoshi; Toda, Michio
PA Kissei Pharmaceutical Co., Ltd., Japan
SO PCT Int. Appl., 22pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006118087	A1	20061109	WO 2006-JP308591	20060424

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRAI JP 2005-128731 A 20050426

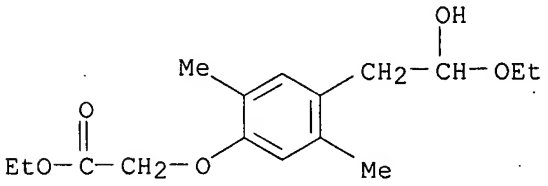
AB Claimed are Et (-)-2-[4-[2-[[1S,2R]-2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl]amino]ethyl]-2,5-dimethylphenoxyacetate hydrochloride 1/4 hydrate (I) and I crystals. I crystals were obtained by reaction of 2-[4-(2-bromoethyl)-2,5-dimethylphenoxy]acetic acid Et ester with (1R,2S)-p-hydroxynorephedrine, followed by workup, treatment of the product in toluene with ethanol containing HCl, collection of I crystals, and drying. I crystals showed high solubility in water and high storage stability. I is used for the treatment of urinary incontinence and frequent urination (no data).

IT 476333-90-1
RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of crystals of hydroxynorephedrine derivative hydrochloride 1/4 hydrate for treatment of urinary incontinence and frequent urination)

RN 476333-90-1 CAPLUS

CN Acetic acid, [4-(2-ethoxy-2-hydroxyethyl)-2,5-dimethylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2002:900773 CAPLUS

DN 137:384652

TI Preparation of β3-adrenoceptor-stimulating phenoxyacetates and their intermediates

IN Tanaka, Nobuyuki; Tamai, Tetsuo; Mukaiyama, Harunobu; Ishikawa, Takehiro; Kobayashi, Junichi; Akaba, Satoshi; Harada, Hiroshi

PA Kissei Pharmaceutical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002338513	A	20021127	JP 2002-64840	20020311
	CA 2494176	A1	20040401	CA 2002-2494176	20020905
	WO 2004026807	A1	20040401	WO 2002-JP9034	20020905
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002328538	A1	20040408	AU 2002-328538	20020905
	EP 1535897	A1	20050601	EP 2002-760810	20020905
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	BR 2002015859	A	20050705	BR 2002-15859	20020905
	SI 21701	A	20050831	SI 2002-20043	20020905
	CN 1668572	A	20050914	CN 2002-829566	20020905
	HU 200500596	A2	20060828	HU 2005-596	20020905
	NZ 538535	A	20060831	NZ 2002-538535	20020905
	MX 2005PA02459	A	20050603	MX 2005-PA2459	20050303
	US 2006135605	A1	20060622	US 2005-526660	20050304
	LV 13337	B	20060120	LV 2005-25	20050330
	NO 2005001683	A	20050405	NO 2005-1683	20050405
PRAI	JP 2001-68023	A	20010312		
	WO 2002-JP9034	W	20020905		

OS MARPAT 137:384652

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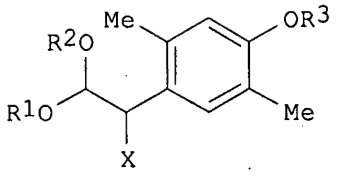

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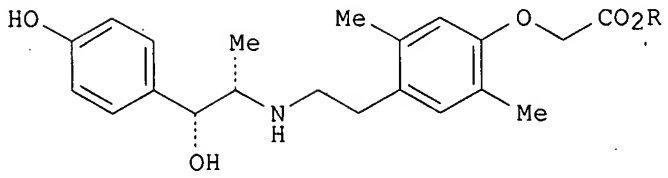


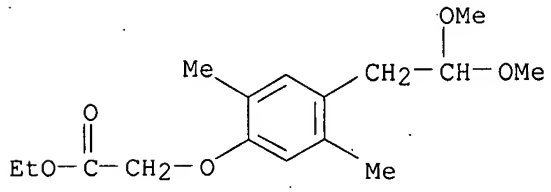
II

AB Dimethylbenzenes I (R1 = lower alkyl; R2 = lower alkyl, H; R3 = H, CH2CO2R; R = lower alkyl; X = H, OH) are prepared as intermediates for the phenoxyacetates II (R = lower alkyl) or their salts. 2,5-Xylenol (100 g) was treated with glyoxal di-Me acetal and NaOH in H2O at 55° for 5 h to give 150 g I (R1 = R2 = Me, R3 = H, X = OH), which was converted into II (R = Et) in 4 steps.

IT 476333-89-8P 476333-90-1P
RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of β3-adrenoceptor-stimulating phenoxyacetates and their intermediates)

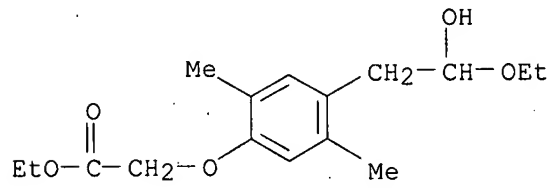
RN 476333-89-8 CAPLUS

CN Acetic acid, [4-(2,2-dimethoxyethyl)-2,5-dimethylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



RN 476333-90-1 CAPLUS

CN Acetic acid, [4-(2-ethoxy-2-hydroxyethyl)-2,5-dimethylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



CAS ONLINE PRINTOUT

Sam Berts 8/28/07

L1 STRUCTURE UPLOADED

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SAMPLE SEARCH INITIATED 13:37:16 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 23223 TO ITERATE

8.6% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 455340 TO 473580
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

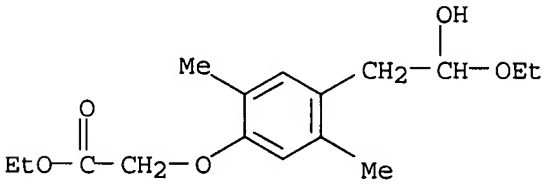
=> s l1 ful
FULL SEARCH INITIATED 13:37:21 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 461674 TO ITERATE

100.0% PROCESSED 461674 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.06

L3 1 SEA SSS FUL L1

=> d ide bib

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
RN 476333-90-1 REGISTRY
ED Entered STN: 16 Dec 2002
CN Acetic acid, [4-(2-ethoxy-2-hydroxyethyl)-2,5-dimethylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)
MF C16 H24 O5
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 145:489007 CA
TI Crystals of hydroxynorephedrine derivative hydrochloride 1/4 hydrate
IN Isawa, Hidetoshi; Toda, Michio
PA Kissei Pharmaceutical Co., Ltd., Japan
SO PCT Int. Appl., 22pp.
CODEN: PIXXD2

CAS ONLINE PRINTOUT

DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2006118087	A1	20061109	WO 2006-JP308591	20060424

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRAI JP 2005-128731 20050426
RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

AN 137:384652 CA
TI Preparation of β3-adrenoceptor-stimulating phenoxyacetates and their intermediates
IN Tanaka, Nobuyuki; Tamai, Tetsuo; Mukaiyama, Harunobu; Ishikawa, Takehiro; Kobayashi, Junichi; Akaba, Satoshi; Harada, Hiroshi
PA Kissei Pharmaceutical Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2002338513	A	20021127	JP 2002-64840	20020311
CA 2494176	A1	20040401	CA 2002-2494176	20020905
WO 2004026807	A1	20040401	WO 2002-JP9034	20020905

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EP 1535897	A1	20050601	EP 2002-760810	20020905

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BR 2002015859	A	20050705	BR 2002-15859	20020905
SI 21701	A	20050831	SI 2002-20043	20020905
CN 1668572	A	20050914	CN 2002-829566	20020905
HU 200500596	A2	20060828	HU 2005-596	20020905
NZ 538535	A	20060831	NZ 2002-538535	20020905
MX 2005PA02459	A	20050603	MX 2005-PA2459	20050303
US 2006135605	A1	20060622	US 2005-526660	20050304

CAS ONLINE PRINTOUT

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PRAI JP 2001-68023    20010312
     WO 2002-JP9034   20020905


=> file beilstein
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   175.63     175.84

FILE 'BEILSTEIN' ENTERED AT 13:38:06 ON 28 AUG 2007
COPYRIGHT (c) 2007 Beilstein-Institut zur Foerderung der Chemischen Wissenschaften
licensed to Beilstein GmbH and MDL Information Systems GmbH

FILE LAST UPDATED ON June 25, 2007

FILE COVERS 1771 TO 2007.
*** FILE CONTAINS 10,004,722 SUBSTANCES ***

>>>PLEASE NOTE: Reaction Data and substance data are stored in
   separate documents and can not be searched together in one query.
   Reaction data for BEILSTEIN compounds may be displayed
   immediately with the display codes PRE (preparations) and REA
   (reactions).  A substance answer set retrieved after the search
   for a chemical name, a compounds with available reaction
   information by combining with PRE/FA, REA/FA or more generally
   with RX/FA. The BEILSTEIN Registry Number (BRN) is the link
   between a BEILSTEIN compound and belonging reactions. For mo
   detailed reaction searches BRNs can be searched as reaction
   partner BRNs Reactant BRN (RX.RBRN) or Product BRN (RX.PBRN).<<<

>>> FOR SEARCHING PREPARATIONS SEE HELP PRE  <<<

**********************************************************************
* PLEASE NOTE THAT THERE ARE NO FORMATS FREE OF COST.                *
* SET NOTICE FEATURE: THE COST ESTIMATES CALCULATED FOR SET NOTICE   *
* ARE BASED ON THE HIGHEST PRICE CATEGORY. THEREFORE; THESE          *
* ESTIMATES MAY NOT REFLECT THE ACTUAL COSTS.                        *
* FOR PRICE INFORMATION SEE HELP COST                                *
**********************************************************************
    NEW
* PATENT NUMBERS (PN) AND BABS ACCESSION NUMBERS (BABSAN) CAN NOW BE
  SEARCHED, SELECTED AND TRANSFERRED.
* NEW DISPLAY FORMATS ALLREF, ALLP AND BABSAN SHOW ALL REFERENCES,
  ALL PATENT REFERENCES, OR ALL BABS ACCESSION NUMBERS FOR A
  COMPOUND AT A GLANCE.

=> d his

     (FILE 'HOME' ENTERED AT 13:36:50 ON 28 AUG 2007)

     FILE 'REGISTRY' ENTERED AT 13:36:58 ON 28 AUG 2007
L1              STRUCTURE UPLOADED
L2            0 S L1
L3            1 S L1 FUL

     FILE 'BEILSTEIN' ENTERED AT 13:38:06 ON 28 AUG 2007

=> s l1 ful
FULL SEARCH INITIATED 13:38:16 FILE 'BEILSTEIN'
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CAS ONLINE PRINTOUT

FULL SCREEN SEARCH COMPLETED - 136267 TO ITERATE

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92.6% PROCESSED 126174 ITERATIONS (5 INCOMPLETE) 5 ANSWERS

95.8% PROCESSED 130513 ITERATIONS (5 INCOMPLETE) 5 ANSWERS

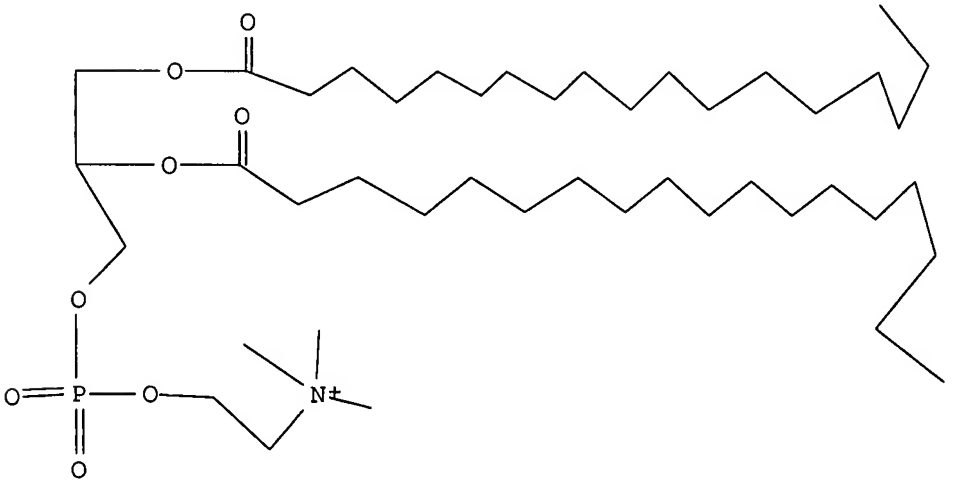
100.0% PROCESSED 136267 ITERATIONS (5 INCOMPLETE) 5 ANSWERS
SEARCH TIME: 00.01.02

L4 5 SEA SSS FUL L1

=> d all 1-5

L4 ANSWER 1 OF 5 BEILSTEIN COPYRIGHT 2007 BEILSTEIN MDL on STN
ITERATION INCOMPLETE

Beilstein Records (BRN):	4076524
Chemical Name (CN):	Distearoyllecithin
Molec. Formula (MF):	C44 H88 N O8 P
Molecular Weight (MW):	790.15
Lawson Number (LN):	3122, 2817, 1251, 636
Compound Type (CTYPE):	acyclic
Constitution ID (CONSID):	3693695
Tautomer ID (TAUTID):	3943594
Beilstein Citation (BSO):	5-04
Entry Date (DED):	1991/03/19
Update Date (DUPD):	1991/09/02



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
CN	Chemical Name	1

CAS ONLINE PRINTOUT

LSF	Linearized Structure Formula	1
MF	Molecular Formula	1
FW	Formular Weight	1
FBRN	Fragment BRN	2
LN	Lawson Number	4
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
FLU	Fluorescence	1
OTHE	Other Thermochemical Data	1

Other Thermochemical Data:
OTHE
Description (.KW): Enthalpy
Reference(s):
1. Traeuble et al., Naturwissenschaften, CODEN: NATWAY, 61, <1974>, 344,347, 348

Fluorescence:

Description (.KW)	Ref.
Fluorescence	1

Reference(s):
1. Traeuble et al., Naturwissenschaften, CODEN: NATWAY, 61, <1974>, 344,347, 348

L4 ANSWER 2 OF 5 BEILSTEIN COPYRIGHT 2007 BEILSTEIN MDL on STN
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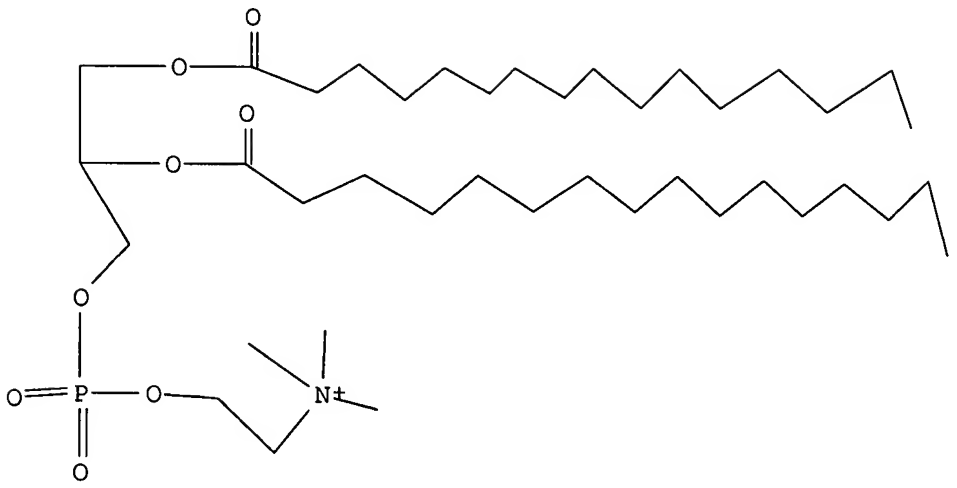
Beilstein Records (BRN):	4068653
Chemical Name (CN):	Dipalmitoyllecithin
Molec. Formula (MF):	C40 H80 N O8 P
Molecular Weight (MW):	734.05
Lawson Number (LN):	3122, 2817, 1241, 636
Compound Type (CTYPE):	acyclic
Constitution ID (CONSID):	3693438
Tautomer ID (TAUTID):	3941435
Beilstein Citation (BSO):	5-04
Entry Date (DED):	1991/03/19
Update Date (DUPD):	1991/09/02

CAS ONLINE PRINTOUT



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
CN	Chemical Name	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	4
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
FLU	Fluorescence	1
OTHE	Other Thermochemical Data	1

Other Thermochemical Data:
OTHE
Description (.KW): Enthalpy
Reference(s):
1. Traeuble et al., Naturwissenschaften, CODEN: NATWAY, 61, <1974>, 344,347, 348

Fluorescence:

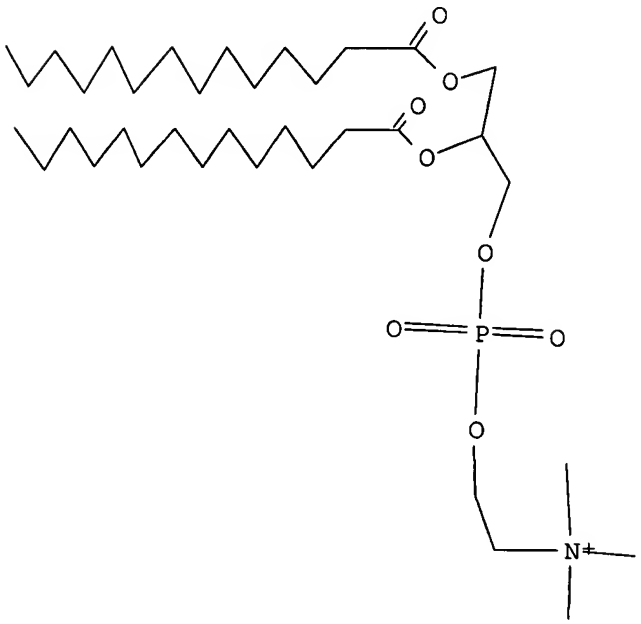
Description (.KW)	Ref.
Fluorescence	1

Reference(s):
1. Traeuble et al., Naturwissenschaften, CODEN: NATWAY, 61, <1974>, 344,347, 348

L4 ANSWER 3 OF 5 BEILSTEIN COPYRIGHT 2007 BEILSTEIN MDL on STN
ITERATION INCOMPLETE

CAS ONLINE PRINTOUT

Beilstein Records (BRN):	4060897
Chemical Name (CN):	Dimyristoyllecithin
Molec. Formula (MF):	C36 H72 N O8 P
Molecular Weight (MW):	677.94
Lawson Number (LN):	3122, 2817, 1247, 636
Compound Type (CTYPE):	acyclic
Constitution ID (CONSID):	3692887
Tautomer ID (TAUTID):	3937816
Beilstein Citation (BSO):	5-04
Entry Date (DED):	1991/03/19
Update Date (DUPD):	1991/09/02



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
CN	Chemical Name	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	4
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
NMR	Nuclear Magnetic Resonance	1

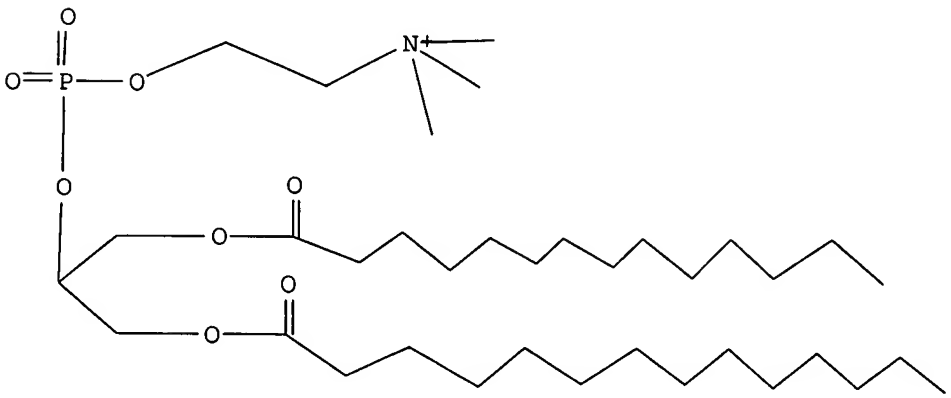
Nuclear Magnetic Resonance:
NMR

CAS ONLINE PRINTOUT

Description (.KW): Spectrum
Reference(s):
1. Prestegard; Fellmeth, Biochemistry, CODEN: BICHAW, 13, <1974>, 1122,1123

L4 ANSWER 4 OF 5 BEILSTEIN COPYRIGHT 2007 BEILSTEIN MDL on STN
ITERATION INCOMPLETE

Beilstein Records (BRN):	4060876
Chemical Name (CN):	Dimyristoyllecithin
Molec. Formula (MF):	C36 H72 N O8 P
Molecular Weight (MW):	677.94
Lawson Number (LN):	3122, 2817, 1247, 636
Compound Type (CTYPE):	acyclic
Constitution ID (CONSID):	3692865
Tautomer ID (TAUTID):	3937434
Beilstein Citation (BSO):	5-04
Entry Date (DED):	1991/03/19
Update Date (DUPD):	1991/09/02



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
CN	Chemical Name	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	4
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
OTHE	Other Thermochemical Data	1

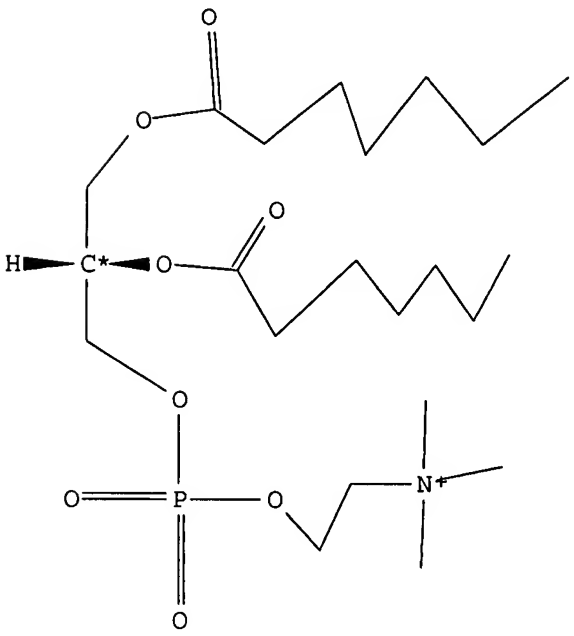
Other Thermochemical Data:
OTHE
Description (.KW): Enthalpy
Reference(s):

CAS ONLINE PRINTOUT

1. Traeuble et al., Naturwissenschaften, CODEN: NATWAY, 61, <1974>, 344,347, 348

L4 ANSWER 5 OF 5 BEILSTEIN COPYRIGHT 2007 BEILSTEIN MDL on STN
ITERATION INCOMPLETE

Beilstein Records (BRN):	4030949
Chemical Name (CN):	D-Diheptanoyl-lecithin
Molec. Formula (MF):	C22 H44 N O8 P
Molecular Weight (MW):	481.57
Lawson Number (LN):	3122, 2817, 1192, 636
File Segment (FS):	Stereo compound
Compound Type (CTYPE):	acyclic
Constitution ID (CONSID):	3658768
Tautomer ID (TAUTID):	3906475
Beilstein Citation (BSO):	5-04
Entry Date (DED):	1991/03/19
Update Date (DUPD):	1991/09/02



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
CN	Chemical Name	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	4
FS	File Segment	1
CTYPE	Compound Type	1
CONSID	Constitution ID	1

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TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
CDER	Chemical Derivative	1
FINFO	Further Information	1

Chemical Derivative:
CDER
Note(s) (.COM): Komplex m. Phospholipase A(2): UV Abs. diff. Sp.; K
Reference(s):
1. Pieterson et al., Biochemistry, CODEN: BICHAW, 13, <1974>, 1455,1456

Further Information:
FINFO
Reference(s):
1. Pieterson et al., Biochemistry, CODEN: BICHAW, 13, <1974>, 1455,1456

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